

EXHIBIT 2

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING APPEAL BOARD

In the Matter of)

PACIFIC GAS AND ELECTRIC)
COMPANY)

(Diablo Canyon Nuclear Power)
Plant, Units 1 and 2))

Docket Nos. 50-275
50-323

Construction Quality Assurance

AFFIDAVIT OF D. BACKES, JR.

STATE OF CALIFORNIA)

COUNTY OF SAN LUIS)
OBISPO)

ss.

The above, being duly sworn, depose and say:

1. I, Don Backes, Jr. am a pipefitter and welder for the H.P. Foley Company. I am and have been a qualified brazer since 1976, working initially for S and Q Construction and now for the H. P. Foley Company on the Diablo Canyon Nuclear Power Plant.

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2. The brazing procedures now in use at Diablo Canyon are the same as those that have been in use since at least 1976 when I began work.
3. During 1981 I prepared 24 test specimens for procedure qualification testing of copper and stainless steel brazed tube joints. Twelve of these specimens were for copper braze joints and twelve were for stainless steel braze joints. For each material, two specimens were prepared in the vertical up-flow, flat, and vertical down-flow positions.
4. About a week after the initial specimens were prepared, I prepared one or two additional specimens in the flat position.
5. I brazed all of these specimens using the approved braze procedures and I did not deviate from the procedures or manipulate the brazing procedures for these specimens.
6. A H.P. Foley QC inspector witnessed the brazing of all of the specimens.

Dated: March 16, 1984

Donald L. Backes Jr.
D. BACKES, JR.

Subscribed and sworn to
before me this 16th day
of March, 1984.

Ida Dutra
Ida Dutra
Notary Public in and for the
County of San Luis Obispo,
State of California.
My commission expires
January 2, 1987

